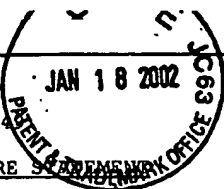


FORM PTO-144

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	1	Adams, R.F. et al., "pavarotti encodes a kinesin-like protein required to organize the central spindle and contractile ring for cytokinesis," <i>Genes Dev.</i> 12:1483-1494, Cold Spring Harbor Laboratory Press (1998).
AS	1	Aktories, K. and Hall, A., "Botulinum ADP-ribosyltransferase C ₃ : a new tool to study low molecular weight GTP-binding proteins," <i>Trends Pharmacol. Sci.</i> 10:415-418, Elsevier Science Publishers Ltd. (1989).
AT	1	Bosher, J.M. and Labouesse, M., "RNA interference: genetic wand and genetic watchdog," <i>Nat. Cell Biol.</i> 2:E31-E36, Macmillan Publishers, Ltd. (February 2000).

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FORM PTO-1449

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	2	Boulianne, G.L. et al., "Production of functional chimaeric mouse/human antibody," <i>Nature</i> 312:643-646, Macmillan Publishing Group, Ltd. (1984).
AS	2	Busson, S. et al., "Dynein and dynactin are localized to astral microtubules and at cortical sites in mitotic epithelial cells," <i>Curr. Biol.</i> 8:541-544, Current Biology Ltd. (1998).
AT	2	Cao, L.-g. and Wang, Y.-l., "Signals from the Spindle Midzone Are Required for the Stimulation of Cytokinesis in Cultured Epithelial Cells," <i>Mol. Biol. Cell</i> 7:225-232, The American Society for Cell Biology (1996).

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	3	Carmena, M. et al., "Drosophila Polo Kinase Is Required for Cytokinesis," J. Cell Biol. 143:659-671, The Rockefeller University Press (1998).
AS	3	Carminati, J.L. and Stearns, T., "Microtubules Orient the Mitotic Spindle in Yeast through Dynein-dependent Interactions with the Cell Cortex," J. Cell Biol. 138:629-641, The Rockefeller University Press (1997).
AT	3	Case, R.B. et al., "Role of the kinesin neck linker and catalytic core in microtubule-based motility," Curr. Biol. 10:157-160, Elsevier Science Ltd. (January 2000).

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AR	4	Castrillon, D.H. and Wasserman, S.A., "diaphanous is required for cytokinesis in <i>Drosophila</i> and shares domains of similarity with the products of the limb deformity gene," <i>Development</i> 120:3367-3377, The Company of Biologists Limited (1994).
AS	4	Chang, F. et al., "cdcl2p, a Protein Required for Cytokinesis in Fission Yeast, Is a Component of the Cell Division Ring and Interacts with Profilin," <i>J. Cell Biol.</i> 137:169-182, The Rockefeller University Press (1997).
AT	4	Chui, K.K. et al., "Roles of Two Homotetrameric Kinesins in Sea Urchin Embryonic Cell Division," <i>J. Biol. Chem.</i> 275:38005-38011, The American Society for Biochemistry and Molecular Biology, Inc. (December 2000).

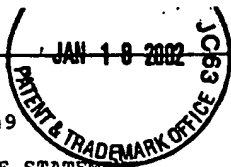
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AR	<u>5</u>	Drechsel, D.N. et al., "A requirement for Rho and Cdc42 during cytokinesis in <i>Xenopus</i> embryos," <i>Curr. Biol.</i> 7:12-23, Current Biology Ltd. (1996).
AS	<u>5</u>	Dutaytre, H. et al., "Cytokinesis arrest and redistribution of actin-cytoskeleton regulatory components in cells expressing the Rho GTPase CDC42Hs," <i>J. Cell Sci.</i> 109:367-377, The Company of Biologists Limited (1996).
AT	<u>5</u>	Echard, A. et al., "Interaction of a Golgi-Associated Kinesin-Like Protein with Rab6," <i>Science</i> 279:580-585, The American Association for the Advancement of Science (1998).

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AR	<u>6</u>	Eckley, D.M. et al., "Chromosomal Proteins and Cytokinesis: Patterns of Cleavage Furrow Formation and Inner Centromere Protein Positioning in Mitotic Heterokaryons and Mid-anaphase Cells," J. Cell Biol. 136:1169-1183, The Rockefeller University Press (1997).
AS	<u>6</u>	Evangelista, M. et al., "Bnlp, a Yeast Formin Linking Cdc42p and the Actin Cytoskeleton During Polarized Morphogenesis," Science 276:118-122, The American Association for Advancement of Science (1997).
AT	<u>6</u>	Field, C. et al., "Cytokinesis in eukaryotes: a mechanistic comparison," Curr. Opin. Cell Biol. 11:68-80, Elsevier Science Ltd. (February 1999).

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AR	1	Fire, A. et al., "Potent and specific genetic interference by double-stranded RNA in <i>Caenorhabditis elegans</i> ," <i>Nature</i> 391:806-811, Macmillan Publishers, Ltd. (1998).
AS	1	Fire, A., "RNA-triggered gene silencing," <i>Trends Genet.</i> 15:358-363, Elsevier Science Ltd. (September 1999).
AT	1	Fontijn, R.D. et al., "The Human Kinesin-Like Protein RB6K Is under Tight Cell Cycle Control and Is Essential for Cytokinesis," <i>Mol. Cell. Biol.</i> 21:2944-2955, American Society for Microbiology (April 2001).

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AR	8	Fujiwara, T. et al., "Bniip Regulates Microtubule-Dependent Nuclear Migration through the Actin Cytoskeleton in <i>Saccharomyces cerevisiae</i> ," <i>Mol. Cell. Biol.</i> 19:8016-8027, American Society for Microbiology (December 1999).
AS	8	Gentz, R. et al., "Bioassay for trans-activation using purified human immunodeficiency virus tat-encoded protein: Trans-activation requires mRNA synthesis," <i>Proc. Natl. Acad. Sci. USA</i> 86:821-824, The National Academy of Sciences (1989).
AT	8	Giansanti, M.G. et al., "Cooperative interactions between the central spindle and the contractile ring during <i>Drosophila</i> cytokinesis," <i>Genes Dev.</i> 12:396-410, Cold Spring Harbor Laboratory Press (1998).

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	2	Glutzer, M., "Cytokinesis," Curr. Biol. 7:R274-R276, Current Biology Ltd. (1997).
AS	2	Glutzer, M., "The mechanism and control of cytokinesis," Curr. Opin. Cell Biol. 9:815-823, Current Opinion Ltd. (1997).
AT	2	Gönczy, P. et al., "Dissection of Cell Division Processes in the One Cell Stage <i>Caenorhabditis elegans</i> Embryo by Mutational Analysis," J. Cell Biol. 144:927-946, The Rockefeller University Press (March 1999).

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	10	Gönczy, P. et al., "Cytoplasmic Dynein is Required for Distinct Aspects of MTOC Positioning, Including Centrosome Separation, in the One Cell Stage <i>Caenorhabditis elegans</i> Embryo," <i>J. Cell Biol.</i> 147:135-150, The Rockefeller University Press (October 1999).
AS	10	Graziano, R.F. et al. "Construction and Characterization of a Humanized Anti-γ-Ig Receptor Type I (FcγRI) Monoclonal Antibody," <i>J. Immunol.</i> 155:4996-5002, The American Association of Immunologists (1995).
AT	10	Hazlett, T.L. et al., "Solution Dynamics of p21 ^{ras} Proteins Bound with Fluorescent Nucleotides: A Time-Resolved Fluorescence Study," <i>Biochemistry</i> 32:13575-13583, American Chemical Society (1993).

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AR	<u>11</u>	Hill, E. et al., "The Rab6-binding kinesin, Rab6-KIFL, is required for cytokinesis," <i>EMBO J.</i> 19:5711-5719, European Molecular Biology Organization (November 2000).
AS	<u>11</u>	Hirose, K. et al., "MgcRacGAP Is Involved in Cytokinesis through Associating with Mitotic Spindle and Midbody," <i>J. Biol. Chem.</i> 276:5821-5828, The American Society for Biochemistry and Molecular Biology, Inc. (February 2001).
AT	<u>11</u>	Huxley, J.H. and Meyer, T., "Subcellular targeting by membrane lipids," <i>Curr. Opin. Cell Biol.</i> 13:146-152, Elsevier Science Ltd. (April 2001).

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AR	12	Hyman, A.A., "Centrosome Movement in the Early Divisions of <i>Caenorhabditis elegans</i> : A Cortical Site Determining Centrosome Position," <i>J. Cell Biol.</i> 109:1185-1193, The Rockefeller University Press (1989).
AS	12	Hyman, A.A. and White, J.G., "Determination of Cell Division Axes in the Early Embryogenesis of <i>Caenorhabditis elegans</i> ," <i>J. Cell Biol.</i> 105:2123-2135, The Rockefeller University Press (1987).
AT	12	Imamura, H. et al., "Bnlp and Bnrlp: downstream targets of the Rho family small G-proteins which interact with profilin and regulate actin cytoskeleton in <i>Saccharomyces cerevisiae</i> ," <i>EMBO J.</i> 16:2745-2755, Oxford University Press (1997).

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AR	<u>13</u>	Jantsch-Plunger, V. and Glotzer, M., "Depletion of syntaxins in the early <i>Caenorhabditis elegans</i> embryo reveals a role for membrane fusion events in cytokinesis," <i>Curr. Biol.</i> 9:738-745, Current Biology Ltd. (June 1999).
AS	<u>13</u>	Jantsch-Plunger, V. et al., "CYK-4: A Rho Family GTPase Activating Protein (GAP) Required for Central Spindle Formation and Cytokinesis," <i>J. Cell Biol.</i> 149:1391-1404, The Rockefeller University Press (June 2000).
AT	<u>13</u>	Kaitna, S. et al., "Incenp and an Aurora-like kinase form a complex essential for chromosome segregation and efficient completion of cytokinesis," <i>Curr. Biol.</i> 10:1172-1181, Elsevier Science Ltd. (September 2000).

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TRADEMARK OFFICE 5900

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AR	14	Kishi, K. et al., "Regulation of Cytoplasmic Division of <i>Xenopus</i> Embryo by rho p21 and Its Inhibitory GDP/GTP Exchange Protein (rho GDI)," <i>J. Cell Biol.</i> 120:1187-1195, The Rockefeller University Press (1993).
AS	14	Kosako, H. et al., "Specific accumulation of Rho-associated kinase at the cleavage furrow during cytokinesis: cleavage furrow-specific phosphorylation of intermediate filaments," <i>Oncogene</i> 18:2783-2788, Stockton Press (April 1999).
AT	14	Kull, F.J. et al., "Crystal structure of the kinesin motor domain reveals a structural similarity to myosin," <i>Nature</i> 380:550-555, Macmillan Publishers Ltd. (1996).

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AR	<u>15</u>	Kuriyama, R. et al., "Heterogeneity and microtubule interaction of the CHO1 antigen, a mitosis-specific kinesin-like protein. Analysis of subdomains expressed in insect sf9 cells," J. Cell Sci. 107:3485-3499, The Company of Biologists Limited (1994).
AS	<u>15</u>	Lamarche, N. and Hall, A., "GAPs for rho-related GTPases," Trends Genet. 10:436-440, Elsevier Science Ltd. (1994).
AT	<u>15</u>	Larkin, K. and Danilchik, M.V., "Microtubules Are Required for Completion of Cytokinesis in Sea Urchin Eggs," Dev. Biol. 214:215-226, Academic Press (October 1999).

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AS	<u>16</u>	Lewis, J.A. and Fleming, J.T., "Basic Culture Methods," <i>Methods Cell Biol.</i> 48:3-29, Academic Press, Inc. (1995).
AT	<u>16</u>	Mabuchi, I. et al., "A rho-like protein is involved in the organisation of the contractile ring in dividing sand dollar eggs," <i>Zygote</i> 1:325-331, Cambridge University Press (1993).

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AR	<u>17</u>	Mackay, A.M. et al., "A Dominant Mutant of Inner Centromere Protein (INCENP), a Chromosomal Protein, Disrupts Prometaphase Congression and Cytokinesis," J. Cell Biol. 140:991-1002, The Rockefeller University Press (1998).
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AT	<u>17</u>	Mastrorarde, D.N. et al., "Interpolar Spindle Microtubules in PTK Cells," J. Cell Biol. 123:1475-1489, The Rockefeller University Press (1993).

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AR	18	Mello, C.C. et al., "Efficient gene transfer in <i>C.elegans</i> : extrachromosomal maintenance and integration of transforming sequences," <i>EMBO J.</i> 10:3959-3970, Oxford University Press (1991).
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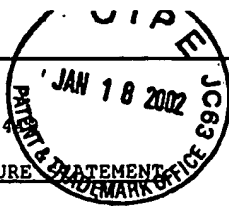
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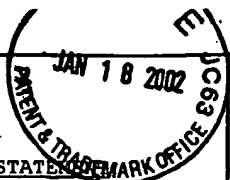
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AR	27	Swan, K.A. et al., "cyk-1: a <i>C. elegans</i> FH gene required for a late step in embryonic cytokinesis," <i>J. Cell Sci.</i> 111:2017-2027, The Company of Biologists Ltd. (1998).
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AR	<u>28</u>	Touré, A. <i>et al.</i> , "MgcRacGAP, A New Human GTPase-activating Protein for Rac and Cdc42 Similar to <i>Drosophila rotundRacGAP</i> Gene Product, Is Expressed in Male Germ Cells," <i>J. Biol. Chem.</i> 273:6019-6023, The American Society for Biochemistry and Molecular Biology, Inc. (1998).
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AR	29	Van Aelst, L. and D'Souza-Schorey, C., "Rho GTPases and signaling networks," <i>Genes Dev.</i> 11:2295-2322, Cold Spring Harbor Laboratory Press (1997).
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INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0652.2260001/EKS/AESAPPLICATION NO.
09/881,736APPLICANT
GLOTZER et al.FILING DATE
June 18, 2001GROUP
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	30	Watanabe, N. et al., "p140mDia, a mammalian homolog of <i>Drosophila</i> diaphanous, is a target protein for Rho small GTPase and is a ligand for profilin," <i>EMBO J.</i> 16:3044-3056, Oxford University Press (1997).
AS	30	Wheatley, S.P. and Wang, Y.-l., "Midzone Microtubule Bundles Are Continuously Required for Cytokinesis in Cultured Epithelial Cells," <i>J. Cell Biol.</i> 135:981-989, The Rockefeller University Press (1996).
AT	30	Wilson, I.A. et al., "The Structure of an Antigenic Determinant in a Protein," <i>Cell</i> 37:767-778, The Massachusetts Institute of Technology (1984).

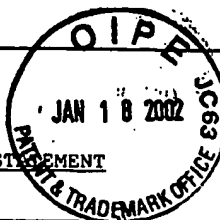
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	31	Winnacker, E.-L., "Directed Mutagenesis," in <i>From Genes to Clones: Introduction to Gene Technology</i> , Winnacker, E.-L., ed., VCH Verlagsgesellschaft mbH, Weinheim, Germany, pp. 451-481 (1987).
AS	31	Woollard, A. and Hodgkin, J., "Stu-71air-2 is a <i>C. elegans</i> aurora homologue essential for chromosome segregation during embryonic and post-embryonic development," <i>Mech. Dev.</i> 82:95-108, Elsevier Science Ireland Ltd. (April 1999).
AT	31	Swiss Institute of Bioinformatics and the European Bioinformatics Institute, SWISS-PROT report, Accession No. P01121 (entered July 1986).

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FORM PTO-144

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>32</u>	Swiss Institute of Bioinformatics and the European Bioinformatics Institute, SWISS-PROT report, Accession No. P06749 (entered January 1988).
AS	<u>32</u>	Swiss Institute of Bioinformatics and the European Bioinformatics Institute, SWISS-PROT report, Accession No. P08134 (entered August 1988).
AT	<u>32</u>	Swiss Institute of Bioinformatics and the European Bioinformatics Institute, SWISS-PROT report, Accession No. P15153 (entered April 1990).

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AR	33	Swiss Institute of Bioinformatics and the European Bioinformatics Institute, SWISS-PROT report, Accession No. P15154 (entered April 1990).
AS	33	Swiss Institute of Bioinformatics and the European Bioinformatics Institute, SWISS-PROT report, Accession No. P21181 (entered May 1991).
AT	33	Swiss Institute of Bioinformatics and the European Bioinformatics Institute, SWISS-PROT report, Accession No. O14658 (entered July 1998).

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AR	34	NCBI Entrez, GenBank Report, Accession No. X67155, Nislow, C. et al. (January 2000).
AS	34	NCBI Entrez, GenBank Report, Accession No. U61955, The C. elegans Sequencing Consortium (September 2001).
AT		

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